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NAME:	FACSIMILE:	TELEPHONE:
Examiner Michael La Villa Group Art Unit 1775	(703) 872-9306	(571) 272-1539

FROM: Barry E. Bretschneider

DATE: November 2, 2004

Number of pages with cover page:	2	Originals Will Not Follow
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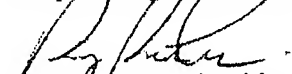
Comments:

Re: Serial No. 10/039,369
My Ref: 35029-20012.00

Dear Examiner La Villa,

Further to my phone message of November 3, 2004, I attach a proposed amendment to put the claims in this application in condition for allowance. Please telephone me at (703) 760-7743 to discuss this proposed amendment when you get into the office this Thursday, if you can.

Respectfully submitted,


Barry E. Bretschneider
Reg. No. 28,055

VA-83453

AMENDMENTS

In the Claims:

1. (Currently Amended) A precision machine part having a plurality of discrete conveyance passages formed therethrough and comprising a plurality of pieces bonded along faces of said pieces extending along a longitudinal axis of said precision machine part with a transient liquid phase diffusion bonding alloy provided between said pieces to bond said pieces together so as to form said conveyance passages.

the precision machine part being configured to permit passage of liquid or gas through said conveyance passages from a pipe line or cylinder, ~~said pieces being adhered to each other by a transient liquid phase bonding process with a ribbon of an amorphous bonding alloy to form said precision machine part~~

wherein the bonding alloy contains 1 to 15 atomic % of B or P or a mixture of B and P and 1 to 10 atomic % V, the balance being Fe and unavoidable impurities based on the bonding alloy, and

wherein the bonding alloy exhibits an amount of contraction in a bonding stress loading direction caused by plastic deformation in the bonding process of not more than 5%.

2-12. (Canceled)

13. (Currently Amended) The precision machine part of claim 1, wherein the bonding alloy further comprises one or more components selected from the group consisting of 0.1 to 10.0 atomic % C, 0.1 to 5.0 atomic % Si, 0.5 to 5.0 atomic % Mn, 0.1 to 20.0 atomic % Cr, 0.1 to 5.0 atomic % Mo, 0.01 to 5.0 atomic % Nb and 0.01 to 5.0 atomic % Ti based on the bonding alloy.

14-17. (Canceled)